

BOWKER, 1679.

ALMANACK

FOR THE

Year of our Lord God, 1679.

BEING THE

Third after *Bissextile* or *Leap-year*.

Containing the Motions of the Sun, Moon, Planets, and Fixed Stars; the Aspects of the Planets, and inclination of the Air.

The time of High-water at *London-bridge* every day in the Year: And also in 55 other Ports and Havens about ENGLAND.

WITH

Brief **CHRONOLOGY** in a New Mode; and divers other necessary things pertinent to the completing of a Diary or Day-book, suitable to all mens occasions.

unto is added a Continuation of the brief *new* of *Astronomy*, and the Relation of the *Coronick* *Relation* concerning the Earths Motion.

culated properly for the Meridian of *London*,

And may generally serve the two Famous Islands of GREAT BRITAIN and IRELAND.

By JAMES BOWKER Astrophil.

LONDON: Printed by Tho. James for the Company of STATIONERS. 1679.

The Common Notes and Moveable Feasts for the
Year 1679. according to the Accounts

Julian, or English.		The Golden Number	Gregorian, Forreign.
8		The Cycle of the Sun	8
8		Dominical Letter	8
28		The Epact	18
March 2		Shrove-Sunday	12 February
April 30		Easter day	2 April
May 25		Rogation Sunday	7 May
May 29		Ascension day	11 May
June 8		Whit Sunday	21 May
June 14		Trinity-Sunday	28 May
November 29		Advent-Sunday	3 Decembo

No Marriage without a Licence.

The beginning of the Year till January 14.

From ~~Septuagesima~~ to Low Sunday,
Rogation Sunday to Trinity Sunday,
Advent Sunday to the years end.

V E N U S is a Morning Star till the 26 of
January, and from thence an Evening Star till
the 11 of November: and from thence our Morn-
ing Star to the end of the Year.

The

The Beginning, Ending, and Returns of the Terms

Return Days, or Days of
Elloyn. Days of
Except. Returna
Brevium Days of
Appearance

Hilary-Term begins January 12, and ends Febr. 12.

Offab. Hill.	Jan. 21	21	22	23
Quind. Hill.	Jan. 28	28	29	31
Crast. Purif.	Feb. 3	4	5	6
Offab. Purif.	Feb. 10	11	12	12

Easter-Term begins May 7, ends June 3.

Quinq. Pasche	May 5	6	7	7
Tres. Pasch.	May 12	13	14	15
Crast. Pasch.	May 19	20	21	22
Quinq. Pasch.	May 26	27	28	29
Crast. Ascens.	May 30	31	June 1	2

Trinity-Term begins June 20, ends July 9.

Crast. Trin.	June 18	17	18	19
Offab. Trin.	June 23	24	25	26
Quind. Trin.	June 30	July 1	2	3
Tres. Trin.	July 7	8	9	9

Michaelmas-Term begins Octob. 23, ends Nov. 28.

Tres. Mich.	Octob. 21	21	22	23
Crast. Mich.	Octob. 27	28	29	30
Crast. Anim.	Nov. 3	4	6	6
Crast. Mart.	Nov. 12	13	14	15
Offab. Mart.	Nov. 19	20	21	22
Quind. Mart.	Nov. 26	27	28	28

The Exchequer opens eight days before any Term begins, except
Trinity, before which it opens but four days.

Goose goes to Law for Cowes Ganders Land,
And For the Lawyer takes the Cause in hand:
Who (for his Counsel) taketh Fees of either,
And in the end leaves neither worth a Feather.
Now comes the Term, and Judgment must proceed,
Fools they fell out, and Beggars they agreed.

A Table shewing the time of High-water in all the Ports below-mentioned,

Hours and Minutes to be added.			The Names of the Ports.		Ho. M.	
Ho.	M.				Ho.	M.
1	0	49	Queenborough, Southampton, Portsmouth, Rochester, Maldon, Blacktail, Gravesend, Dover, Blackness, Sully, Dundee, St. Andrews, Lisbon, Lucas, London, Timmorth, Amsterdam, Rotterdam, Barwick, Flushing, Flamborough, Baltimore, Corke, Severn, Callisey, Falmouth, Humber, New Castle, Plymouth, Hull, Loo, St. Davids, Bristol, Start-point, Waterford, Milford, Bridgwater, Landsend, Portland, Hartlew, Dublin, Pool, Isle of Man, Dunbar, Diepe, Needles, Orford, South and N. Forelands, Yarmouth, Dover, Harwich, Rie. Wichelesse, Colthor		0	0
2	1	38			0	49
3	2	26			1	38
4	3	15			2	26
5	4	3			3	15
6	5	51			4	3
7	6	41			5	51
8	7	30			6	41
9	8	19			7	30
10	9	8			8	19
11	10	56			9	8
12	11	45			10	56
13	12	34			11	45
14	1	23			12	34
15	2	11			1	23
16	3	0			2	11
17	4	0	The Use of these Tide-Tables.			
18	5	49	In the Table following, you have the Moon's age every			
19	6	38	day of the year; which being known, seek the Moon's			
20	7	26	age in this Table, and see what hours and minutes stand			
21	8	15	against it, those hours and minutes being added to the			
22	9	3	hours and minutes which stand against the name of the			
23	10	51	place you would know the time of High-water at, will			
24	11	41	give you the time of High-water at that place.			
25	12	30	Example.			
26	1	19	If you would know what time it will be High-water			
27	2	8	at Gravesend upon the 12 of January, look in the fol-			
28	3	56	lowing Table, and against the 12 of January, you shall			
29	4	45	find the Moon is 10 days old: wherefore find 10 days			
30	5	34	in this Table under (Moon's age) and against it you shall find 8 h. 8 m.			
			which being added to 1 h. 30 m. (the hours and minutes standing against			
			Gravesend) the sum is 9 h. 38 m. at which time it will be High-water			
			at Gravesend on the 12 of January afternoon. But if the hours and mi-			
			nutes added together exceed 12 hours, you must cast away 12 hours, and the			
			time of High-water will remain. So on the 12 of January, the Moon being			
			9 days old, the hours and minutes against 9 days old are 7 h. 19 m. which			
			added to 10 h. 30 m. (the hours and minutes standing against Dover) make			
			17 h. 49 m. from which take 12 h. and there remains 5 h. 49 m. at			
			which time it will be High-water at Dover the 21 of January.			

Example.

If you would know what time it will be High-water at Gravesend upon the 12 of January, look in the following Table, and against the 12 of January, you shall find the Moon is 10 days old: wherefore find 10 days in this Table under (Moon's age) and against it you shall find 8 h. 8 m. which being added to 1 h. 30 m. (the hours and minutes standing against Gravesend) the sum is 9 h. 38 m. at which time it will be High-water at Gravesend on the 12 of January afternoon. But if the hours and minutes added together exceed 12 hours, you must cast away 12 hours, and the time of High-water will remain. So on the 12 of January, the Moon being 9 days old, the hours and minutes against 9 days old are 7 h. 19 m. which added to 10 h. 30 m. (the hours and minutes standing against Dover) make 17 h. 49 m. from which take 12 h. and there remains 5 h. 49 m. at which time it will be High-water at Dover the 21 of January.

*Within the narrow confines of this Page,
 You have (for every day) fair Cynthia's Age;
 Which had, in fifty five Ports, it decrees
 To alternate motion of the restless Seas.*

A Table of the Moons Age.

	J.	F.	M.	A.	M.	J.	J.	A.	S.	O.	N.	D.
1	19	1	19	1	2	3	4	5	6	7	8	9
2	●	2	●	2	3	4	5	6	7	8	9	10
3	1	3	1	3	4	5	6	7	8	9	10	11
4	2	4	2	4	5	6	7	8	9	10	11	12
5	3	5	3	5	6	7	8	9	10	11	12	13
6	4	6	4	6	7	8	9	10	11	12	13	●
7	5	7	5	7	8	9	10	11	12	13	●	15
8	6	8	6	8	9	10	11	12	13	14	15	16
9	7	9	7	9	10	11	12	13	14	●	16	17
10	8	10	8	10	11	12	13	14	●	16	17	18
11	9	11	9	11	12	13	14	●	16	17	18	19
12	10	12	10	12	13	14	15	16	17	18	19	20
13	11	13	11	13	14	15	●	17	18	19	20	21
14	12	14	12	14	15	●	17	18	19	20	21	22
15	13	●	13	●	16	17	18	19	20	21	22	23
16	●	16	14	16	17	18	19	20	21	22	23	24
17	15	17	●	17	18	19	20	21	22	23	24	25
18	16	18	16	18	19	20	21	22	23	24	25	26
19	17	19	17	19	20	21	22	23	24	25	26	27
20	18	●	18	20	21	22	23	24	25	26	27	28
21	19	21	19	21	22	23	24	25	26	27	28	●
22	20	22	20	22	23	24	25	26	27	28	29	1
23	21	23	21	23	24	25	26	27	28	29	●	2
24	22	24	22	24	25	26	27	28	●	●	1	3
25	23	25	23	25	26	27	28	29	1	2	3	4
26	24	26	24	26	27	28	29	●	2	3	4	5
27	25	27	25	27	28	●	●	1	3	4	5	6
28	26	28	26	28	29	1	2	3	4	5	6	7
29	27	27	●	●	2	3	4	5	6	7	8	9
30	28	28	1	1	3	4	5	6	7	8	9	10
31	●	●	2	2	4	5	6	7	8	9	10	11

A Compendious CHRONOLOGY.

Since	ALL things were of GOD created good	5618
	Noah ascends the Ark & avoid the Flood	3943
	GOD the Promise made to Abraham	1806
	Th' Israelites from Egypt B. adage came	3170
	Salomon the Temple finished	2689
	King Sedecias was a Captive led	2169
	JESUS was of th' Blessed Virgin born	1579
	For Mans Sin he suffer'd Death and Scorn	1696
	First the Saxons stept on English ground	3124
	Here the Danes the like advantage found	847
	Norman William Britain over-power'd	613
	Maud the English-Saxon Blood restor'd	1171
	Second Henry Ireland first assail'd	1066
	Our First Edward hence the Jews expell'd	388
	Tyler fain would have the Throne ascended	1297
	He his Life with his Rebellion ended	1297
	Guns (those Mortal Engines) first were found	1299
	Printing made the world with Books abound	1366
	Philip of Spain did with Queen Mary marry	1215
	Coaches were invented men to carry	1240
	Lightning last consum'd S. Paul's high Spire	1180
	All the Heavens appeared on a Fire	1066
	Perry and great Mytil's Insurrection	1100
	Gresham Colledge and th' Exchange erection	1084
	Drake surounded this our Globe of strife	1020
	Pious Gresham did exchange this Life	1000
	Saint Domingo Ransack'd was by Drake	94
	Then the Spaniards did (not fight) but quake	94
	Bustling Spains Armado overthrow'n	91
	That Tobacco was in England known	86
	Cats was from the Spaniards stoutly torn	83
	CHARLES the First was at Dunfermlin born	79
	JAMES of Scotland the Englands Crown possesst	77
	He th' Allegiance Oath upon us prest	74

Fate reveal'd the Hellish Powder Plot	74
We joyc'd that it succeeded not	73
A Great Plague on <i>London</i> Heaven sent	54
Then at <i>Oxford</i> sat the Parliament	54
That the Duke of <i>Buckingham</i> was slain	51
<i>England</i> did conclude a Peace with <i>Spain</i>	50
Our Dread Sovereign first breath'd <i>Richmond</i> air	49
Bishop <i>Land</i> began <i>S. Paul's</i> Repair	45
<i>Charles</i> the First advanc'd against the <i>Scots</i>	40
The Lord <i>Stafford</i> stooped to the Block	38
<i>Charles</i> his Royal Standard streaming stood	37
<i>Marston</i> Field was dy'd with English Blood	37
Reverend <i>Land</i> unto the Block did bow	36
<i>Naseby</i> Field first own'd that fatal blow	34
<i>Charles</i> the First left <i>Oxford</i> in disguise	33
He unto the <i>Scots</i> became a Prize	33
Martyr'd <i>Charles</i> receiv'd his fatal doom	31
The Rump Voted Kingship burthenome	31
<i>Cromwel</i> did Protectorship usurp	27
In a Whirlwind he was taken up	20
Into <i>London</i> General <i>Monk</i> did come	20
The secluded Members he brought home	19
<i>Charles</i> the Second's coming to <i>White-Hall</i>	19
Forthwith he a Parliament did call	19
That the horrid Regicides were Try'd	19
They at <i>Charing-Cross</i> most justly dy'd	19
There appear'd three Comets in the Sky	14
That the <i>English</i> made the <i>Dutch</i> Ships fly	14
<i>London's</i> last great Plague or Visitation	14
<i>Holland</i> thrice beat by the <i>English</i> Nation	14
(For our Sins) God in his dreadful Ire	13
<i>London</i> consumed by a dismal Fire	13
By his Providence Omnipotent	8
Restor'd and built far more Magnificent	8
Peace agreed 'twixt <i>English</i> and the <i>Dutch</i>	6
The shrill Trumpet nois'd it to be such	6

January hath XXXI days.

- New Moon the 2 day, at a quarter past 12 at noon.
- First quarter the 9 day, 20 m. after 3 in the morning.
- Full Moon the 16 day, at 6 at night.
- Last quarter the 24 day, at 10 at night.
- New Moon the 31 day, at 8 at night.

Beware of Cold, to Bath or El ed take heed.

A good warm coat this Month thy Back will need.

1	a	Circumcisen	7	13	42	1	13	34	1	18	47	II	Mild and
2	b	Q. Sav. Steph.	22	12	22	35	2	2	8	46	X	8 2 4	
3	c	Meliorus	7	22	1	23	35	8	17	45	Q	3 3	
4	d	Croniack	21	53	24	37	Q	19	52	W			seasonable
5	e	Ed. Confessor	6	4	25	39	Q	12	50	III			weather be-
6	f	Epiphany	21	22	26	40	1	18	20	II			gins the year.
7	g	Ced. B. Lond.	3	47	27	41	2	29	36	X			
8	a	Will. B. York	19	54	28	42	8	16	12	Q		8 8 8	
9	b	Adrian	3	41	29	43	Q	25	29	W		8 2 4	
10	c	Paul Eter.	17	12	30	44	1	19	19	III			severe Air
11	d	Hyginus	0	II	29	2	4	18	14	II			
12	e	1 st Epiph.	13	53	3	47	2	0	28	1			
13	f	Rheinoldus	26	27	4	4	8	14	2	Q			Tempestuous
14	g	Hillary B.	9	5	5	49	Q	1	47	III			and Windy
15	a	Maurinus	21	40	6	50	Q	23	14	III			Weather,
16	b	Marcellus	4	Q	7	51	1	18	1	II			with Snow on
17	c	Anthony	6	8	8	52	2	1	24	Y			Rain; yet not
18	d	Cath. Petri	28	23	9	53	8	12	25	Q			very cold.
19	e	2 nd aft. Epiph.	10	20	10	54	Q	8	4	III			
20	f	Fab. & Secl	22	12	11	55	2	22	46	III			
21	g	Agnes V.	1	2	12	56	1	17	55	II		8 8 2	
22	a	Vincent	15	52	13	57	2	2	22	Y		8 8 4	
23	b	Term begins	27	48	14	58	8	10	25	Q			Windy, with
24	c	Timothy	9	53	15	59	Q	14	20	III			cloudy mist
25	d	Corv. S. Paul	22	13	16	59	2	18	16	III		8 8 2	
26	e	3 rd aft. Epiph.	4	55	17	60	1	17	42	II		8 8 4	
27	f	Chrystostom	18	1	18	61	2	2	22	Y			weather;
28	g	Carol. Mag.	1	56	19	62	8	18	2	Q			some Snow
29	a	Judas	15	45	20	63	Q	10	57	III			and very cold
30	b	K. Ch. I. Mal	6	20	21	64	1	12	24	III			weather.
31	c	Adaman.	15	18	22	65	4						

JANUARY. 1679.

- The Son of God obey'd his Fathers Will,
 2. Was *Circumcised*, and did the Law fulfill.
 By Three great Kings Gifts unto *Christ* were given,
 25. And *Paul* Converted by a Voice from Heaven.

18	213	10	13	0		11	b
18	04	2	3	48	Day 8 hours long.	12	c
37	584	3	4	36		13	d
37	574	4	5	24		14	e
7	564	5	6	12	Day breaks at 5 h. 50 m.	15	f
67	554	6	7	0	Twilight ends 6 h. 10 m.	16	g
77	544	7	7	48	Day lengthened 40 m.	17	h
87	534	8	8	36		18	i
97	524	9	9	24	Sun rises S. E. by E. and sets	19	j
107	504	10	10	12	S. W. by S.	20	k
117	494	11	11	0		21	l
7	474	13	11	48		22	m
127	464	12	12	36		23	n
147	454	15	1	24	Day 8 hours and a half long.	24	o
157	444	16	2	12		25	p
167	424	18	3	0		26	q
177	414	19	3	48	South-arm of Crab So. at 12.	27	r
187	394	21	4	36		28	s
7	384	22	5	24		29	t
207	364	24	6	12	Day breaks at 5 h. 32 m.	30	u
217	344	25	7	0	Twilight ends 6 h. 25 m.	31	v
227	324	27	7	48			w
237	314	29	8	36	Heart of Hydra South at 12.		x
247	304	30	9	24	Day 9 hours long.	1	y
257	284	31	10	12		2	z
7	254	34	11	0	The G. dog rises achronically	3	a
277	254	35	12	48		4	b
287	234	37	12	36	Day lengthened 1 h. 35 m.	5	c
297	214	30	1	24		6	d
307	204	40	2	12	Day breaks 5 h. 17 m.	7	e
317	184	42	3	0	Twilight ends 6 h. 43 m.	8	f

February hath XXVIII. days.

No New Moon this Moneth.

First quarter the 7 day, 26 min. past 2 Afternoon.

Full Moon the 15 day, 26 min. after 12 at Noon.

Last quarter the 23 day, 26 min. past 2 Afternoon.

Warm Cloaths this Moneth are good, old Sack no less,
Always provided you avoid Excess.

M.	W.	Fixed and Moveable Feasts and Terms, &c.	The Moons Place	The Suns Place.	The Planet: P. aces.	The Planets Aspects and change of Air
1	D	Ignatius	0 30	23 30	5 17.36 II	Very warm,
2	F	Purificat. Mary	1 42	24 5	11 4.37 V	the season.
3	M	Blaise	0 45	25 6	6 6.19 Ω	8 11 C
4	T	Gilbertus	1 30	26 7	7 28. 9	considered.
5	W	Agatha V.	2 5	27 7	8 8.16	
6	T	Dorothea V.	13 4	28 8	17.34 II	Δ 11 8
7	F	Romwald	27 23	29 8	11 5.41 V	Frost ap-
8	M	Edelfiede	10 II 3	0 9	8 4.48 Ω	proaching.
9	T	5 after Epiph.	23 29	1 9	9 4.26 X	8 11 C
10	W	Scholasticæ V	5 10	2 9	11 8.17	Easterly Wind.
11	T	Euphrosina	12 3	3 10	17.36 II	
12	F	Term ends	0 56	4 10	11 6.48 V	8 8 C
13	M	Ermenild Q.	13 5	5 10	8 3.33 Ω	Hard Frost
14	T	Valentine	25 8	6 11	10.40 X	and drifts of
15	W	Faustin	7 7	7 11	10.43	Snow.
16	T	Septuagesim.	19 1	8 11	17.40 II	
17	F	Finan	0 53	9 11	11 7.45 V	Cold abated.
18	M	Simeon	12 44	10 11	8 2.38 Ω	Snow or
19	T	Acta	24 3	11 12	16.54 X	slight.
20	W	Mildred V.	6 17	12 12	14.51	□ 11 9
21	T	Cimbret	18 45	13 12	17.46 II	Frost again till
22	F	Car. Pet. An.	1 7	14 12	11 9.4 V	the 26 day.
23	M	Septagesim.	13 46	15 12	8 2.1 Ω	Δ 11 9
24	T	S. Matthias	26 4	16 12	13.9 X	
25	W	Johannes B.	10 17	17 12	10.10	Wind & rain.
26	T	Alexander	14 14	18 12		8 9 11 10 11
27	F	Serulph	8 40	19 12		
28	M	Oswald B.	13 12	20 11		

FEBRUARY. 1679.

1. Christ's Blessed Virgin Mocher, Maiden, Bride,
 2. Most pure, yet by the Law was purifi'd.
 14. Matthias chosen in Iscariot's place,
 Wherein he liv'd and dy'd by God's high grace.

				[Incr. and Decr. of the days, with Southing of Stars and Planets.]	
H.	M.	H.	M.	H.	M.
17	17 4	43	3	48	
27	16 4	44		36	Day 9 hours and an half long.
37	14 4	45	5	24	2) Sun rises E S E. sets W S W.
47	13 4	47	6	12	
57	12 4	49	7	0	
67	10 4	50	7	48	
77	8 4	52	8	36	Day lengthened 2 h. 10 m.
87	6 4	54	9	24	
97	4 4	56	10	12	
107	2 4	58	11	0	Day breaks at 5 in the morn.
116	59 1	1	11	48	Day 10 hours long.
126	58 8	2	12	36	Twilight ends at 7 at night.
136	56 5	4	1	24	
146	55 5	5	2	12	
156	54 5	6	3	0	
166	53 5	7	3	48	Day lengthened 2 h. 38 m.
176	51 5	9	4	36	
186	49 5	11	5	24	
196	46 5	14	6	12	
206	44 5	16	7	0	Day 10 hours and half long.
216	42 5	18	7	48	20) Sun rises E S S. sets W S S.
226	40 5	20	8	36	
236	38 1	22	9	24	
246	35 5	25	10	12	Day breaks at 4 h. 30 m.
256	32 5	28	11	0	Twilight ends 7 h. 30 m.
266	30 5	30	12	48	Day 11 hours long.
276	27 5	33	12	36	
286	24 5	36	12	24	

High-water at London-bridge.

Sun sets.

Sun rises.

March hath XXXI days.

- New Moon the 2 day, 3 quarters past 8 in the morning.
- First quarter the 9 day, 3 quarters after 3 in the morning.
- Full Moon the 17 day, 8 min. after 4 in the morning.
- Last quarter the 25 day, at a quarter after 3 in the morning.
- New Moon the 31 day, half an hour past 5 afternoon.

*For Blood afresh 'gins to increase again,
Purge, Bath and Bleed, thy Body to maintain.*

1	David B.	8	X	42	21	X	11	h	18.2	II	Cold, wet
2	She. ve. lund	14		1	12		11	h	10.5	6V	☿ ☿ ☿
3	Lucius	9	V	14	23		10	☿	1.47	☿	☿ ☿ ☿
4	Adrianus	14		14	24		10	☿	3.7	V	and windy
5	Alfredus day	6	☿	53	25		10	☿	0.28	X	weather be.
6	Fridiline	23		5	26		9	h	18.16	II	'gins the
7	Aquinas	6	II	49	27		9	h	12.7	V	Month.
8	Felix M.	20		8	28		8	☿	2.1	☿	☿ h ☿
9	Quadragesi.	3	☿	1	29		8	☿	9.20	V	Rain
10	Equinox	15		37	0V		7	☿	7.44	X	
11	Gregory	27		58	1		7	h	18.32	II	
12	Olwin	10	☿	8	2		6	h	13.18	V	☿ 4 ☿
13	Ember Week	22		9	3		5	☿	2.31	☿	Serene and
14	Leo Episc.	4	☿	4	4		5	☿	15.32	V	clear air to
15	Longinus	15		56	5		4	☿	15.34	X	the 17 day.
16	Reminiscere	27		48	6		3	h	18.51	II	
17	Patrick	9	☿	41	7		2	h	14.30	V	☿ h ☿
18	Edward	21		39	8		2	☿	3.16	☿	
19	Joseph	3	m	41	9		1	☿	21.33	V	Windy and
20	Cutberr	15		49	10		0	☿	24.0	X	wet.
21	Benedict	28		7	10		59	h	19.12	II	
22	Aphrodisius	10	2	38	11		58	h	15.42	V	A very good
23	Ocali	23		23	12		57	☿	4.16	☿	eed-time.
24	Zacharias	6	V	21	13		56	☿	27.54	V	
25	Annun. Mary	19		49	14		55	☿	2.59	V	Fair weather.
26	William	3	☿	36	15		53	h	19.53	II	
27	Archibald	17		46	16		52	h	16.55	V	☿ ☿ ☿
28	Fremond	1	X	20	17		51	☿	5.28	☿	
29	Victorian	17		17	18		50	☿	4.5	☿	Some rain.
30	Limore	2	V	17	19		48	h	12.38	V	Mid-Lent Sun.
31	Adelm. B.	17		25	20		47				☿ ☿ ☿

MARCH. 1679.

25. The Angel to the *Virgin* Tidings brings
That she should bear the glorious King of Kings;
She stands amaz'd, and knows not what to say.
But let all Christians hallow that blest day.

1	5	23	5	3	2	12	Day lengthened 3 h. 46 m.	11	5
6	20	5	40	3	0		The Lyons Tail South at 12.	12	4
3	18	5	42	3	48			13	3
4	16	5	44	4	36		Day 18 hours and half long	14	2
5	14	5	46	5	24		Day breaks 4 h. 12 m.	15	1
6	11	5	49	6	12		Twilight ends 7 h. 44 m.	16	0
7	9	5	51	7	0			17	59
8	7	5	53	7	48			18	58
9	5	5	55	8	36			19	57
10	3	5	57	9	24		The Sun rises due East,	20	56
11	0	6	0	10	12		Equall Day and Night	21	55
12	59	6	1	11	0		And sets due West.	22	54
1	57	6	3	11	48			23	53
12	56	6	4	12	36			24	52
1	54	6	6	1	24		Day breaks 2 ho. 50 min.	25	51
2	53	6	8	2	12		Twilight ends 8 h. 10 m.	26	50
17	50	6	10	3	0			27	49
18	48	6	12	4	52			28	48
19	46	6	14	4	43		Day 18 hours and half long	29	47
20	44	6	16	5	35		First in Gr. Bears tail Sat 12	30	46
21	42	6	18	6	26			31	45
22	40	6	20	7	18		Sun due E. a quarter after 6 in		
23	39	6	22	8	10		the morning.		
24	37	6	24	9	2		Day lengthened 5 ho. 40 m.		
25	35	6	26	9	54		Day breaks 5 h. 25 m.		
26	34	6	28	10	45		Twilight ends 8 h. 35 m.		
27	32	6	30	11	37				
28	30	6	32	12	28		Day 18 hours long.		
29	28	6	34	1	18		The second in great Bears tail		
30	26	6	36	2	9		is South at 12.		
31	24	6	38	3	0				

April hath XXX day.

- First quarter the 7 day, 50 m. after 6 at night.
- Full Moon the 15 day, a quarter before 12 at noon.
- Last quarter the 23 day, at 12 at noon.
- New Moon the 29 day, 26 min. after 7 at night.

*If thou intend'st to purge, or bath, or bleed,
Of Learn'd Physicians counsel thou hast need.*

1	Com. M. Mag.	2	8	26	11	46	h	20.6	II	♂ ♀ ☾
2	Francis Con.	17	9	22	44	4	18.21	V	♂ ♀ ☾	
3	Richard	1	II	31	23	43	♂	7.10	♂	Windy and
4	Guiz. P.	19	25	24	42	♀	11.28	♂	♂ ♀ ☾	
5	Vincentius	28	51	25	40	♀	24.54	V	♂ ☉ ♀	
6	Judica	11	5	26	39	h	20.33	II	Showry wea-	
7	Egesippus	24	30	27	37	4	19.34	V	ther, with	
8	Dufinus	6	6	28	35	♂	8.45	♂	♂ ☾	
9	Eristan	18	55	29	34	♀	17.37	♂	Storms of	
10	Eschilus	0	12	30	32	♀	5.32	♂	hail.	
11	Leo P.	62	43	1	30	h	21.2	II		
12	Julia	24	35	2	29	4	20.45	V	☐ ♂ ♀	
13	Palm Sund.	6	16	3	27	♂	10.30	♂		
14	Tiburtius	18	22	4	25	♀	23.44	♂	From the 14	
15	Trans. Of	0	26	5	23	♀	16.3	♂	to the 23	
16	Trank Alb.	12	29	6	21	h	21.33	II	days will be a	
17	Maud Tward.	25	27	7	20	4	21.56	V	most pleasant	
18	Good Friday	7	37	8	18	♂	12.22	♂	season, little	
19	Alphege	20	22	9	16	♀	29.51	♂	Wind, some	
20	Easter day	3	23	10	14	♀	25.50	♂	Showers, and	
21	Simeon	16	37	11	12	h	21.5	II	much Sun-	
22	Sacry, &c.	0	6	12	10	4	23.7	V	shine.	
23	St. George	13	49	13	8	♂	14.22	♂		
24	Mcatus	27	47	14	6	♀	5.47	II		
25	St. Mark.	12	3	15	3	♀	4.21	II	☐ ♂ ☉	
26	Cleus	16	34	16	1	h	22.38	II	Northerly	
27	Low Sund.	11	14	16	59	4	24.17	V	Wind.	
28	Vitalis	29	58	17	57	♂	16.28	♂	♂ ♀ ☾	
29	Peter Martyr	20	41	18	55	♀	12.3	II	Mild and	
30	Katherine	25	18	19	52	♀	11.18	II	temperate.	

APRIL 1679.

25 For *Mark* a sacred true Evangelist,
A Pen-man of the glorious Acts of Christ,
The Five and twentieth day we dedicate
To God, which Ancient Times did celebrate.

15	20/6	40/3	48	Day breaks 1 h. 57 m.	11	C
25	18/6	42/4	36	Twilight ends 9 h. 3 m.	12	B
35	16/6	44/5	24	Day 13 hours and half long.	13	E
45	14/6	46/6	12		14	F
55	12/6	48/7	0	Toe 20 day keep holy, praise him	15	G
65	10/6	50/7	48	Still,	16	H
75	7/6	53/8	36	That set us free from Satan, Sin	17	I
85	4/6	56/9	24	and Hell.	18	C
95	2/6	58/10	12		19	B
105	0/7	0/11	0	Day 14 hours long.	20	E
114	58/7	2/11	48		21	F
124	57/7	3/12	36	Day lengthened 6 h. 32 min.	22	G
134	55/7	5/1	24		23	H
144	53/7	7/2	12	Day breaks 2 h. 25 m.	24	I
154	52/7	8/3	0	Twilight ends 9 h. 35 m.	25	C
164	50/7	10/3	52	Sun rises E N E. sets W N W.	26	B
174	48/7	12/4	43		27	E
184	46/7	14/5	35		28	F
194	44/7	16/6	26	Day 14 hours and half long.	29	G
204	42/7	18/7	18		30	H
214	40/7	20/8	10		31	I
224	39/7	21/9	2	The 7 Stars rise Cosmically.	1	C
234	37/7	23/9	53		2	B
244	35/7	25/10	45	Day breaks 1 h. 51 m.	3	E
254	33/7	27/11	37	Twilight ends 10 h. 9 m.	4	F
264	31/7	29/12	28		5	G
274	29/7	31/1	29	Day 15 hours long.	6	H
284	27/7	33/2	11	The North Balance S. at 12.	7	I
294	25/7	35/3	0		8	C
304	23/7	37/3	48	Day lengthened 7 h. 40 m.	9	B
					10	E

High-water at London-bridge.

Sun K.

Sun rise.

May hath XXXI days.

- ☾ First quarter the 7 day, at 11 in the Forenoon.
- Full Moon the 15 day, at 23 min. past 12 at noon.
- ☾ Last quarter the 22 day, half an hour after midnight.
- New Moon the 29 day, 25 m. past 11 before noon.

*Sweet morning walks and sage the minds may please,
of those whose Bodies are in health and ease.*

1	h	Phil. & Jac.	9	II	34	20	50	h	23.13	II	♂ ♀ ☾
2	c	Athanasius	23	29	21	48	48	♂	25.25	Y	♂ h ☾
3	b	Inven. Cfu.	7	5	1	2	45	♂	18.10	5	Fickle and
4	e	Misericordia	20	7	23	43	43	♀	18.7	II	uncertain
5	f	Algie Q.	2	Ω	49	24	41	♀	16.30	II	* ♂ ♀
6	g	John. Por. Lan.	15	10	25	38	38	h	23.49	II	♂ ♂ ☾
7	a	Term begins	21	16	26	36	36	♂	26.33	Y	weather till
8	b	Ap. S. Mich.	9	m	10	27	33	♂	20.58	Ω	the 10 of 11
9	c	Nazianzen.	21	1	8	31	31	♀	24.10	II	☾ h ♀
10	d	Gordianus	2	Ω	48	29	28	♀	19.55	II	day.
11	e	Jubilate	14	41	0	II	26	h	21.25	II	
12	f	Pancratius	26	41	1	23	23	♂	27.39	Y	* ♀ ♀
13	g	Servatus	8	m	51	2	21	♂	23.20	Ω	Delectable
14	a	Boniface	21	5	3	18	18	♀	0.13	5	fair, warm,
15	b	Dymna V.	5	2	54	4	16	♀	21.26	II	and mild
16	c	Ubaldis	16	50	5	13	13	♂	25.3	II	weather.
17	d	Sarah	29	58	6	10	10	♂	18.44	Y	* h ♂
18	e	Cantate	13	v	22	7	8	♂	25.47	Ω	The Winds
19	f	Prudentian. V.	26	56	8	5	5	♀	26.15	5	rife, and
20	g	E. helbert	10	39	9	2	2	♀	20.58	II	rain follows
21	a	Timothy	24	30	10	0	0	h	23.41	II	
22	b	Juliana. V.	8	32	10	57	57	♂	29.48	Y	
23	c	Will. of Roc.	21	33	11	54	54	♂	28.18	Ω	Better wea-
24	d	Brandinus	6	v	41	12	52	♀	12.15	5	ther, but it
25	e	Rogation S	21	1	13	49	49	♂	18.58	II	lasts not long
26	f	Augustine	5	8	14	46	46	h	25.19	II	♂ ♀ ☾
27	g	B. de Ven.	19	36	15	43	43	♂	0.49	5	Wet weather
28	a	Jonas	3	II	45	16	40	♂	0.53	III	☾ ☾ ☾
29	b	Asc. chl. day	17	49	17	38	38	♂	18.15	5	☾ ☾ ☾
30	c	Felix P.	1	5	34	18	39	♂	16.15	II	the Month
31	d	Perronilla	25	0	19	32	32				

MAY 1679.

1. St. Philip and St. Jacob, like two Twyns,
 Their memories on this first day begins,
 'Tis a good entrance to the Moneth of May
 When two such glorious Saints do lead the way.

1	4	36	4	23	7	38	Day Breaks 8 m. aft. 1 in the morn.	11	e
2	5	12	4	21	7	39	Twilight ends 52 m. aft. 10. at ni.	12	f
3	6	12	4	20	7	49	The North Crown South at 12.	13	g
4	7	0	4	19	7	41	The Hinder Guard South at 12	14	a
5	7	48	4	17	7	43	Serpents neck S. at 12	15	b
6	8	36	4	15	7	45	Day 15 hours and a half long.	16	c
7	9	24	4	13	7	47		17	d
8	10	12	4	12	7	48		18	e
9	11	0	4	11	7	49	The Sun is just East at 9 m. after 7	19	f
10	11	48	4	10	7	50	in the morn and west 5 m. after 4	20	g
11	12	36	4	9	7	51	Sun Rises N. E. by E. & sets N. W.	21	a
12	1	24	4	7	7	53	by W.	22	b
13	2	12	4	6	7	54		23	c
14	3	0	4	5	7	55		24	d
15	3	48	4	3	7	57	Continual day and no dark night	25	e
16	4	36	4	2	7	58	from May 12 to July 12	26	f
17	5	24	4	1	7	59	Days 16 hours long.	27	g
18	6	12	3	59	8	1		28	a
19	7	0	3	58	8	2		29	b
20	7	48	3	56	8	4		30	c
21	8	36	3	55	8	5	The Bulls eye's rises Cosmically.	31	d
22	9	24	3	54	8	6	Day lengthened 9 h. 8 m.	1	e
23	10	12	3	53	8	7		2	f
24	11	0	3	53	8	7		3	g
25	11	48	3	52	8	8		4	a
26	12	36	3	52	8	8	Hercules head south at 12.	5	b
27	1	24	3	52	8	8		6	c
28	2	12	3	51	8	9		7	d
29	3	0	3	51	8	9	King Charls the II. born, 1630.	8	e
30	3	48	3	50	8	10	and restored 1640.	9	f
31	4	36	3	40	8	10	Day 16 hours 30 m. long.	10	g

June hath XXX. days.

- ☾ First quarter the 6 day, at 4 in the morning.
- ☾ Full moon the 14 day, 6 min. before 4 in the morn.
- ☾ Last quarter the 20 day, 8 min. after 9 at night.
- New moon the 27 day, at 10 at night.

*Drinks new or sweet, hot Spices I warn thee flee
The sports of Venus, and Phlebotomee.*

1	☾ Exaudi	28	☾	4	20	☾	29	h	27	6	II	☾ ☽ ☽
2	f Term ends	10	☾	46	21	26	☾	2	1	☽		Mild and
3	g Erasmus	23		10	22	23	☽	4	3	☾		fair
4	a Petroch	5	☾	12	23	20	☽	25	24	☾	☽ ☽ ☽	
5	b Boniface	17		12	24	18	☽	13	32	II		windy and
6	c Norbert	28	☽	59	25	19	☽	27	45	II		some flying
7	b Paulus	10	☾	47	26	12	☾	2	58	☽		clouds pro-
8	☾ Whitfunt.	22		37	27	9	☽	6	45	☾		ducing rain
9	f Felicianus	4	☾	38	28	6	☽	1	21	☾	☽ ☽ ☽	
10	g Margaret	16		52	29	3	☽	12	53	II		all the mid-
11	a S. Barnabas	29		24	0	☽	☽	28	24	II		dle part of the
12	b Brisilides	12	☽	16	0	57	☾	3	53	☽		month will
13	c Anthony	25		30	1	54	☽	9	30	☾		be very plea-
14	b Basil, Mag.	9	☾	12		51	☽	7	16	☾		sant and
15	☾ Trinity sun	22		51	3	48	☽	14	7	II		seasonable
16	f Richard	6	☾	51	4	44	☽	29	4	II	* ☽ ☽	
17	g Botolph	21				42	☽	4	46	☽		
18	a Marcus	5	☽	10	6	40	☽	12	18	☾		very hot and
19	b Corp. Chri.	19		20	7	37	☽	13	10	☾		dry
20	c Term beg.	3	☾	26	8	34	☽	17	16	II		
21	b Walburge	17		29	9	31	☽	29	42	II	☽ ☽ ☽	
22	☽ 1 aft. Trin.	1	☽	27	10	28	☾	5	35	☽		
23	f Paulin	15		24	11	25	☽	15	9	☾		heat abated
24	g S. Joh. Pap.	29		16	12	23	☽	19	2	☾		and winds
25	a Amphibal.	12	II	1	13	16	☽	22	22	II		increased
26	b S. Joh. Bap.	26		35	14	16	☽	0	21	☾	☽ ☽ ☽	
27	c Levinus	10	☽	2	15	12	☾	6	22	☽		
28	d Leo 2 P.	23		13	16	10	☽	18	3	☾		gentle gales
29	☽ J. Pet. & Pa.	6	☾	7	17	7	☽	24	53	☾		of wind
30	f Com. S. Pa.	12		42	18	4	☽	29	10	II		serene air.

JUNE 1679.

24. St. John the Baptist lost his blessed head,
 29. The same way was St. Peter stricken dead.
 And may all Christians like to them endeavour
 To dye here so, that they may live for ever.

5	24	3	50	8	10	Day lengthened 8 hours 46 m.	11	A
6	12	3	49	8	11		12	b
7	0	3	49	8	11		13	c
8	48	3	49	8	11		14	d
9	36	3	48	8	12		15	e
10	24	3	48	8	12		16	f
11	12	3	48	8	12	Diagonal head S. at 12.	17	g
12	0	3	47	8	13		18	A
13	48	3	47	8	13	Day lengthened 8 hours 52 m.	19	b
14	36	3	47	8	13	Longest day 16 hours 26 m.	20	c
15	24	3	47	8	13	Upon which day, the ☉ will be up-	21	d
16	12	3	47	8	13	on the just East point, at 20 min.	22	e
17	0	3	47	8	13	after 8 in the morn. and upon	23	f
18	48	3	47	8	13	the west point, at 40 min. after	24	g
19	36	3	48	8	12	3 in the afternoon, and the ☉	25	A
20	24	3	48	8	11	on the same 12 day will rise 40	26	b
21	12	3	48	8	12	degr. from the East towards the	27	c
22	0	3	49	8	11	North, and will set 40 degr.	28	d
23	48	3	49	8	11	from the West towards the North	29	e
24	36	3	50	8	10	that is the sun will rise N. E.	30	f
25	24	3	50	8	10	half a point Easterly, and sets N.	July	
26	12	3	51	8	9	West half a point westerly.	1	A
27	0	3	51	8	9	Day 16 hours 18 m. long:	2	b
28	48	3	52	8	8		3	c
29	36	3	52	8	8		4	d
30	24	3	52	8	8	Day shortened 22 min.	5	e
1	12	3	53	8	7		6	f
2	0	3	54	8	6		7	g
3	48	3	55	8	5		8	A
4	36	3	56	3	4	Swan's bill south at 12.	9	b
						B 2	10	c

July hath XXXI. days.

- ☾ First quarter the 5 day, 50 min. after 8 at night.
- ☾ Full moon the 13 day, 3 quart. after 10 in the morn.
- ☾ Last quarter the 20 day, 12 min. after 1 in the morn.
- ☾ New moon 27 day, halfan hour past 10 before noon.

*Strong Drinks and new refuse, they be thy Foe,
To bathe in Rivers cool this July go.*

1	g	Romwald	1	m	5	19	h	0	59	h	2
2	a	Visit Mary.	13		11	19	58	u	7	6	Very hot
3	b	Hyacinth.	25		4	20	56	g	20	58	3 g d
4	c	Elizabeth	6	u	54	21	53	g	0	41	* h 2
5	d	Ansellinus	18		41	22	50	g	7	36	some thunder
6	●	3 aft. Trin.	0	m	30	23	47	h	1	37	claps in some
7	f	Demetrius.	12		30	24	44	u	7	46	places.
8	g	Grambold	24		44	25	41	g	23	57	
9	a	Termend	7	z	18	26	38	g	6	28	good weather
10	b	7 Brethren	20		16	27	36	g	17	19	the greater
11	c	Pius P.	3	w	40	28	33	h	2	14	part
12	d	Eal. & Nab.	17		28	29	30	u	8	23	part of this
13	●	4 aft. Trin.	1	m	35	30	27	g	26	57	moneth and
14	f	Bonavent	16		6	1	25	g	12	12	no sensible
15	g	Swithin	0	x	40	2	22	g	27	47	alteration till
16	a	Osmond	15		15	3	19	h	2	50	the 20 day
17	b	Alexius	29		40	4	16	u	8	56	
18	c	Simphoro	14	v	7	5	14	g	0	1	from the 20
19	d	Dog da. beg	28		15	6	11	g	17	54	day
20	●	5 aft. Trin.	12	u	10	7	8	g	8	19	to the
21	f	Daniel	25		55	8	6	h	3	25	new
22	g	Mary Mag.	9	II	28	9	3	u	9	26	moon you will
23	a	Apollinar	22		53	10	e	g	3	5	h g
24	b	Christina	6	g	4	10	58	g	23	32	have all sorts
25	c	S. James A.	9		7	11	53	g	18	29	of
26	d	Anna	1	u	58	12	52	h	3	59	weather rain
27	●	6 aft. Trin.	14		35	13	50	u	9	50	wind and
28	f	Samplon	27		2	14	48	g	6	12	g d
29	g	Martha	9	m	15	15	4	g	29	8	hail with
30	a	Aldon	24		17	16	4	g	28	2	some sunshine
31	b	Ignarius	3	u	11	17	40				

JULY 1679.

12. With *Mary Magdalen* let us begin,
 To Know, Confess, Repent and Cease to Sin ;
 15. That with th' *Apostle James* we may arrive
 At that Rest which ne're time can us deprive.

1	5	24	3	57	8	3		11	c
2	6	12	3	57	8	3	Orions Girdle rises Cosmically	12	d
3	7	0	3	58	8	2		13	e
4	7	48	3	58	8	1	The Scorpions Thigh, and Vultus	14	f
5	8	36	4	58	8	0	Day 16 hours long.	15	g
6	9	24	4	58	8	58	res heart are S. at midn.	16	b
7	10	12	4	57	8	57		17	A
8	11	0	4	57	8	55		18	c
9	11	48	4	67	54		Day shortened 38 m.	19	d
10	12	36	4	87	52			20	e
11	1	24	4	97	51			21	f
12	2	12	4	117	49		☉ Rises N.E. by E. Sets N.W. by W.	22	g
13	3	0	4	127	48		and is East 9 min. after 7, and	23	A
14	3	48	4	137	47		West 51 min. after 4.	24	b
15	4	36	4	147	46			25	c
16	5	24	4	157	45		Day 15 hours and half long.	26	d
17	5	12	4	167	44			27	e
18	7	0	4	177	43		The Swans Tail, and the Dolphins	28	f
19	7	48	4	187	42		Head both South at 12	29	g
20	8	36	4	197	41		Day breaks 45 m. after midn.	30	A
21	9	24	4	217	39			31	b
22	10	12	4	237	37		Twilight ends a quarter after 11	Aug	
23	11	0	4	257	35			1	d
24	11	48	4	277	33		Day shortened 1 hour 20 m.	2	e
25	12	36	4	297	31			3	f
26	1	24	4	307	30		Day 15 hours long.	4	g
27	2	12	4	327	28			5	A
28	3	0	4	347	26			6	b
29	3	52	4	367	24			7	c
30	4	43	4	377	23		The great Dog rises cosmically.	8	d
31	5	35	1	387	22			9	e

August hath XXXI. days.

- ☾ First quarter the 4 day, 6 min. past 1 afternoon.
 ☾ Full moon the 11 day, a quarter past 6 at night.
 ☾ Last quarter the 18 day, at 8 in the morning.
 ☾ New moon the 26 day, at 2 in the morning.

*Take heed of Surfeits, inflaming meats and spices
 Physick forbear, be wise in exercises.*

1	c	Lammas	15	☾	18	☾	38	h	4	39	☾	Thunder and
2	d	Stephen	16		46	19	36	u	10	15	☾	very hot
3	e	7 aft. Trin.	8	m	37	20	33	☾	5	59	☾	☐ h ☾
4	f	Aristarch.	20		35	21	31	☾	5	46	☾	
5	g	Festum Ni.	2		48	22	28	☾	8	40	☾	
6	a	Transfig. C	15		20	23	26	h	5	10	☾	turbulent
7	b	Donatus	18		17	24	24	u	10	30	☾	and stormy
8	c	Largus	11	v	40	25	21	☾	13	11	☾	weather, as
9	d	Romanus	29		35	26	19	☾	11	13	☾	rain, hail,
10	e	8 aft. Trin.	9		54	27	17	☾	16	52	☾	wind and
11	f	Titus	24		35	28	15	h	5	39	☾	the like to
12	g	Clare V.	9	x	32	29	13	u	10	40	☾	the 16 day
13	a	Flippolitus	24		31	0	m	11	☾	16	25	☾
14	b	Eusebus	9	v	26	1	8	☾	16	35	☾	
15	c	Assump. M.	24		6	2	6	☾	24	30	☾	☾ ☾ ☾
16	d	Rothus	8	x	32	3	4	h	6	7	☾	☾ ☾ ☾
17	e	9 aft. Trin.	22		35	4	2	u	10	45	☾	more mild
18	f	Helena	6	II	21	5	0	☾	19	40	☾	and tempe-
19	g	Clinrank	19		47	5	58	☾	21	52	☾	rates
20	a	Bernard	2	☾	59	6	57	☾	1	32	☾	☾ h ☾
21	b	Richard	15		56	7	55	h	6	33	☾	
22	c	Timothy	28		40	8	53	u	10	46	☾	some showers
23	d	Zacheus	11	☾	11	9	51	☾	22	58	☾	
24	e	S. Barthol.	29		32	10	49	☾	27	2	☾	☐ u ☾
25	f	Ludovicus	5	m	44	11	47	☾	7	54	☾	
26	g	Zepherinus	17		48	12	46	h	6	58	☾	fair weather
27	a	Dogs end	29		45	13	44	u	10	41	☾	and warm
28	b	Augustine	11	☾	36	14	42	☾	26	17	☾	☾ ☾ ☾
29	c	Dec. Jo. Ba	23		24	15	41	☾	2	5	m	☾ ☾ ☾
30	d	Felix	5	m	14	16	39	☾	13	32	☾	ends the
31	e	11 aft. Trin.	17		7	17	38					month.

AUGUST 1679.

10. St. Lawrence on a Gridiron broyl'd to death.
 24. St. Bartholomew was Flead, and lost his breath.
 Their Torments they as Pleasures did account,
 And now are mounted where their Joys surmount.

1	6	26	4	39	7	21		11	f
2	7	18	4	40	7	20	Pegasus Mouth south at 12	12	g
3	8	10	4	43	7	16		13	A
4	9	2	4	44	7	17	Day 14 hours and half long.	14	b
5	9	53	4	46	7	14	Day breaks 25 m. aft. 2.	15	c
6	10	45	4	48	7	12	Twy light ends 45 m. aft. 9.	16	d
7	11	37	4	50	7	10	☉ rises E. N. E. sets W. N. W.	17	e
8	12	28	4	52	7	8		18	f
9	1	20	4	54	7	6	Day shortened 2 h. 14 min.	19	g
10	2	11	4	56	7	4		20	A
11	3	0	4	58	7	2		21	b
12	3	48	4	59	7	1	Day 14 hours long.	22	c
13	4	36	5	16		59		23	d
14	5	24	5	36		57		24	e
15	6	12	5	56		55	Day breaks 46 m. aft. 2.	25	f
16	7	0	5	66		54	Twy-light ends 13 m. aft. 9.	26	g
17	7	48	5	86		52		27	A
18	8	36	5	106		50		28	b
19	9	24	5	126		48	The ☉ will be due East 32 m. after	29	c
20	10	12	5	146		46	Day 13 hours and half long.	30	d
21	11	0	5	166		44	6. and due West 28 m. after 6.	31	e
22	11	48	5	186		42		Sept	
23	12	36	5	206		40	Pegasus Shoulder S. at 12.	2	g
24	1	24	5	226		38	Day shortened 3 hours 10 min.	3	A
25	2	12	5	246		36	☉ rises E. by N. sets West by N.	4	b
26	3	0	5	266		34		5	c
27	3	48	5	286		32	Day 13 hours long.	6	d
28	4	36	5	306		30		7	e
29	5	24	5	326		29	The ☉ is due East 16 m. after	8	f
30	6	12	5	346		27	6 and West 44 m. after 5.	9	g
31	7	0	5	366		25		10	A

September hath XXX. days.

- ☾ First quarter the 3 day, at 5 in the morning.
- Full moon the 10 day, 35 min. after 2 in the morn
- ☾ Last quarter the 16 day, a quarter past 6 at night.
- New moon the 24 day, at 6 at night.

*Now Physick may be us'd, bleed, bath and purge,
Or whatsoever necessary doth urge.*

1	f	Giles Ab.	29	m	9	18	m	36	h	7	24	☾	Some wind
2	g	Lond burn	11	z	22	19	35	u	10	29	☾	but fair and	
3	a	anno 1666	23		52	20	33	♂	0	19	m	seasonable	
4	b	Trans. Cur.	6	v	44	21	32	2	7	57	m	☾ h ☽	
5	c	Victorinus	20		3	22	30	♀	18	52	☾	rain	
6	d	Magnus	3	m	50	23	29	h	7	44	☾	☽ u ☽	
7	e	12 aft. Tri.	18		5	24	28	u	1	14	☾	very good	
8	f	Na. B. V. M.	2	x	46	25	26	♂	3	42	m	weather for	
9	g	Gorgonius	17		48	26	25	♀	12	38	m	muddy days.	
10	a	Nicholas	3	v	1	27	24	♀	21	43	☾		
11	b	Jacinthus	18		12	28	23	h	8	0	☾		
12	c	Eanswide	3	☾	14	29	22	u	9	53	☾	☽ u ☾	
13	d	Amatus	17		58	0	21	♂	7	7	m		
14	e	13 aft. Trl.	2	II	19	1	10	♀	17	7	m	wind and	
15	f	Nichom.	16		15	2	18	♀	22	21	☾	☽ h ☽	
16	g	Cornelius	29		45	3	17	h	8	15	☾	☽ u ☽	
17	a	Stephen	12	☾	54	4	10	u	9	29	☾	☽ h ☽	
18	b	Ember W.	25		41	5	16	♂	10	35	m	now and then	
19	c	Jannarius	8	☾	14	6	19	♀	21	21	m	some showers	
20	d	Eustacius	20		33	7	14	♀	20	7	☾	of rain	
21	e	S. Matthew	2	m	41	8	13	h	8	27	☾	☽ ☽ h	
22	f	Maurice	14		42	9	12	u	9	0	☾		
23	g	Linus	26		37	10	12	♂	14	3	m	towards the	
24	a	Winibald	8	☾	28	11	11	♀	25	16	m	end of the	
25	b	Ceolfride	20		19	12	10	♀	15	1	☾	month	
26	c	Cyprian	2	m	10	13	10	h	8	37	☾	☽ ☽ ☽	
27	d	Cal. & Dam	14		4	14	9	u	8	28	☾	☽ ☽ ☽	
28	e	15 aft. Tri.	26		4	15	8	♂	17	34	m	☽ ☽ ☽ the	
29	f	S. Michael	8	z	12	16	8	♀	28	48	m	weather will	
30	g	Hierome	20		30	17	7	♂	9	23	☾	☽ u ☽ be	

very various.

very various.

SEPTEMBER 1679.

11. The blest St. Matthew's sacred memory.
 Stands in this Moneth fix'd to Posterity.
 29. Th' Archangel Michael, (or Christ named for)
 Did foyle the Dragon, our soules mortal foe.

1	7	48	5	37	6	23	Day breaks	42. m. at. 3 morn.	11	b
2	8	36	5	40	6	20	Twilight ends	18 m. af. 8 at nig.	12	c
3	9	24	5	42	6	18			13	d
4	10	12	5	44	6	16	Day	12 hours and half long	14	e
5	11	0	5	45	6	15	Day	shortened 4 hours.	15	f
6	11	48	5	47	6	13			16	g
7	12	36	5	49	6	11			17	a
8	1	24	5	50	6	10	Andromeda's Head, and Cassiopæa's		18	b
9	2	12	5	51	6	9	Chair both S. at 12.		19	c
10	3	0	5	53	6	7			20	d
11	3	52	5	55	6	5			21	e
12	4	43	5	58	6	2	Sun rises exactly East, and		22	f
13	5	35	6	0	6	0	Equal day and night 12 hours.		23	g
14	6	26	6	2	5	58	Sun sets due West		24	a
15	7	18	6	4	5	56			25	b
16	8	10	6	6	5	54	Day breaks 8 m. aft. 4 in the mor.		26	c
17	9	2	6	8	5	52	Twilight ends 52 m. af. 7 at nig.		27	d
18	9	53	6	10	5	50	Day	shortened 4 hours and half.	28	e
19	10	45	6	12	5	48			29	f
20	11	37	6	14	5	46			30	g
21	12	28	6	16	5	44	Day	11 hours and half long.	31	a
22	1	20	5	18	5	42			2	b
23	2	11	5	20	5	40			3	c
24	3	0	5	22	5	38	Day breaks 50 m. af. 4 in the mor.		4	d
25	3	48	5	24	5	36	Twilight ends 30 m. af. 7 at nig.		5	e
26	4	36	6	26	5	34	Andromeda's Should, South at 12.		6	f
27	5	24	6	28	5	32			7	g
28	5	12	6	30	5	30	Day	11 hours long.	8	a
29	7	0	6	32	5	28			9	b
30	7	48	6	34	5	26	Cassiopea's Knee South at 12.		10	c

High water at London Bridge

Sun Rises

Sun Sets

October hath XXXI. days.

- ☾ First quarter the 2 day, 39 min. past 6 at night.
- Full moon the 9 day, 16 min. past 11 before noon.
- ☾ Last quarter the 16 day, 38 min. past 8 in the morn.
- New moon the 24 day, half an hour past 3 aftern.

*Now Physicks help do not refuse
If thou it want, and's carefully canst use.*

1	a	Remigius	3	♊	3	18	♈	7	h	8	44	☾	Wind snow
2	b	Thomas	15		54	19		7	♊	7	52	☾	or rain
3	c	Gerrard	29		6	20		6	♊	21	7	m	begins the
4	d	Francis	12	♊	43	21		6	♊	1	18	♊	moneth
5	●	16 aft. Trin.	26		41	22		6	♊	7	5	♊	
6	f	Fides	11	♊	19	23		5	♊	8	47	☾	
7	g	Mark P.	26		5	24		5	♊	7	22	☾	fair and
8	a	Demetrius	11	♊	13	25		5	♊	23	58	m	seasonable
9	b	Dyonisius	26		26	26		5	♊	3	55	♊	to the 13.
10	c	Paulin	11	♊	36	27		5	♊	3	15	♊	♊ 11 ☾
11	d	Nichosius	26		33	28		5	♊	8	49	☾	or 14 days.
12	●	17 aft. Trin.	11	♊	0	29		4	♊	6	35	☾	
13	f	Edwardus	24		100		m	4	♊	28	17	m	
14	g	Calistus	8	☾	57	1		4	♊	6	8	♊	♊ h ☾
15	a	Teresa V.	22		11	2		4	♊	14	24	☾	blustering
16	b	Luillus B.	4	☾	58	3		5	♊	8	47	☾	wind and
17	c	Andry V.	17		27	4		5	♊	5	54	☾	showers
18	d	S. Luke Ev.	29		39	5		5	♊	1	54	♊	storms of
19	●	18 aft. Trin.	11	♊	42	6		5	♊	7	6	♊	♊ 11 ☾
20	f	Ursula, V.	23		35	7		5	♊	21	34	☾	hail
21	g	Hilarian	5	☾	29	8		4	♊	8	43	☾	△ h ☾
22	a	Cordula	17		14	9		6	♊	5	14	☾	
23	b	Terim beg.	29		5	10		6	♊	5	33	♊	cold rain
24	c	Maglore	11	m	1	11		6	♊	7	7	♊	or snow
25	d	Christianus	23		4	12		7	♊	29	28	☾	♊ 5 ☾
26	●	19 aft. Trin.	5	♊	15	13		7	♊	8	35	☾	much wind
27	f	Ivo Confes.	17		35	14		8	♊	4	33	☾	
28	g	S. Sim. & Ju.	0	♊	6	15		8	♊	9	14	♊	♊ 11 ☾
29	a	Eadfine	12		50	16		9	♊	6	8	♊	fair and
30	b	Agelnorth	5		48	17		9	♊	7	33	m	serene.
31	c	Foilan.	0	☾	1	18		10					

OCTOBER 1679.

18. St. *Luke* who did the glorious Gospel write,
 And th' Acts of all the Apostles well endire.
 28. St. *Simon* and St. *Judah*, all these Three
 In this Month (by the Church) remembered be.

1	8	36 6	36 5	24	Day breaks at 47 m. aft. 4 Morn.	11 d
2	9	24 6	38 5	22	Twy-light ends 13 m. aft. 7 N.	12 c
3	10	12 6	40 5	20		13 f
4	11	0 6	42 5	18	Day shortned 3 hours 50 m.	14 g
5	11	48 6	44 5	16		15 A
6	12	36 6	46 5	14	Day 10 hours and half long.	16 b
7	1	24 6	48 5	12		17 c
8	2	12 6	50 5	10		18 d
9	3	0 6	52 5	8	The Rams horn S. at 11.	19 e
10	3	48 6	54 5	6		20 f
11	4	36 6	56 5	4	Day shortned 6 hours 18 min.	21 g
12	5	24 6	58 5	2		22 A
13	6	12 7	0 5	0	The Rams head South at 12.	23 b
14	7	0 7	2 4	58	Day 10 hours long.	24 c
15	7	48 7	4 4	56		25 d
16	8	36 7	6 4	54	Day breaks 5 m. aft. 5 Morn	26 e
17	9	24 7	8 4	52	Twylight ends 55 m. aft. 6 N.	27 f
18	10	12 7	10 4	50		28 g
19	11	0 7	12 4	48	Day shortned 6 hours 46 min.	29 A
20	11	48 7	14 4	46	Sun rises E.S.E. sets W.S.W.	30 b
21	12	36 7	16 4	44		31 c
22	1	24 7	18 4	43	Day 9 hours and half long.	Nov
23	2	12 7	19 4	42		1 c
24	3	0 7	20 4	40		2 f
25	3	52 7	22 4	38		3 g
26	4	43 7	24 4	36	The 7 Stars rise Achronically	4 A
27	5	35 7	26 4	34	Day shortned 7 h. and a quarter	5 b
28	6	26 7	28 4	32	The Whales jaw and Medusans	6 c
29	7	18 7	30 4	30	head are both S. at 12.	7 d
30	8	10 7	32 4	28	Day 9 hours long.	8 e
31	9	2 7	34 4	27	Persus right side S. at 12.	9 f

November XXX. days.

- ☾ First quarter the 1 day, at 1 in the morning.
- Full moon the 7 day, 10 min. after 10 in the foren.
- ☾ Last quarter the 15 day, 20 min. past 2 in the morn.
- New moon the 23 day, 3 quart. past 3 in the morn.

*Chuse hot and wholesome drinks and meats likewise.
Avoid hot Baths, use honest exercise.*

1	☾	AN Saints	22	☾	31	19	m	10	h	8	23	☾	Very good
2	●	All Souls	6	☾	22	20		11	h	3	47	☾	weather, the
3	f	Winefred	20		31	21		11	☾	13	41	☾	season con-
4	g	Vitalis	5	v	32	22		12	☾	2	40	☾	sidered, and
5	a	Powd. Plot	19		48	23		13	☾	17	14	m	so it is like
6	b	Leonard	4	☾	45	24		14	h	8	10	☾	☾ ☾ ☾
7	c	Wildebrod	19		45	25		14	h	3	10	☾	to cominge
8	d	Severus	4	☾	41	26		15	☾	17	25	☾	till the 12 or
9	●	11 aft. Tri.	19		17	27		16	☾	0	53	☾	13 days
10	f	Triphon	3	☾	33	28		17	☾	25	12	m	☾ ☾ ☾
11	g	Martin B.	17		22	29		18	h	7	55	☾	☾ ☾ ☾
12	a	Martin P.	0	☾	42	0	☾	19	h	2	27	☾	windy and
13	b	Kilianus	13		36	1		19	☾	21	10	☾	stormy
14	c	Laurance	25		52			20	☾	27	30	m	weather
15	d	Leopaldus	8	☾	16	3		21	☾	3	6	☾	☾ ☾ ☾
16	●	21 aft. Tri.	20		15	4		21	h	7	37	☾	
17	f	Thamatur.	2	☾	6	5		23	h	2	8	☾	cold rain
18	g	Ded. Ec. P.	13		51	6		24	☾	24	57	☾	or snow
19	a	Pontian	25		41	7		25	☾	25	4	m	and winter-
20	b	Edmond	7	m	25	8		26	☾	10	57	☾	like weather
21	c	Oblaa. Mar.	19		37	9		27	h	7	17	☾	☾ ☾ ☾
22	d	Cicely V.	1	☾	50	10		29	h	1	42	☾	very uncertain
23	●	23 aft. Tri.	14		14	11		30	☾	28	45	☾	☾ ☾ ☾
24	f	Chrisogon	26		53	12		31	☾	23	0	m	☾ ☾ ☾
25	g	Katherine	9	v	44	13		32	☾	18	47	☾	weather to
26	a	Peter B.	22		48	14		33	h	6	56	☾	☾ ☾ ☾
27	b	Oda V.	6	☾	21	15		34	h	1	21	☾	the end of
28	c	Teruends	19		26	16		35	☾	2	34	v	the moneth.
29	d	Saturnine	1	☾	3	17		37	☾	21	54	m	
30	●	S. Andr. Ap	16		42	18		38	☾	26	37	☾	Adv. Sund.

NOVEMBER 1679.

1. 5. Of *All Saints* blest, the Cursed Powder Plot
Must never be by Protestants forgot.
30. St. *Andrew* ends; as *All Saints* doth begin
And may we (as they did) Salvation win.

1	9	53	7	34	4	26	Day breaks 37 m. at 5 in the mor.	11	g
2	10	45	7	36	4	24	Twilight ends 23 m. at 6 at night.	12	g
3	11	37	7	38	4	22	Day shortened 7 h. 42 m.	13	b
4	12	28	7	39	4	21		14	c
5	1	20	7	40	4	20	The great Dog sets cosmically	15	d
6	2	11	7	42	4	18		16	e
7	3	0	7	43	4	17	Perseus Foot South at 12.	17	f
8	3	48	7	45	4	15	Day 8 hours and half long.	18	g
9	4	36	7	46	4	14		19	A
10	5	24	7	48	4	12	Day shortened 8 h. 2 m.	20	b
11	6	12	7	49	4	11	☉ Rises S.E. by E & sets S.W. by W.	21	c
12	7	0	7	50	4	10	The seven stars sets Cosmically.	22	d
13	7	48	7	52	4	8	The B. L. s eye sets Cosmically.	23	e
14	8	36	7	53	4	7	No absolute day but all Twylight	24	f
15	9	24	7	55	4	5	Twilight ends : 13 m. at 6 at Ni.	25	g
16	10	12	7	56	4	4		26	A
17	11	0	7	57	4	3		27	b
18	11	48	7	58	4	2		28	c
19	12	36	7	59	4	1	Day 8 hours long.	29	d
20	1	24	8	0	4	0	The Bulls eye Rises Achronically	30	e
21	2	12	8	1	3	59		Dece	
22	3	0	8	2	3	58	Day shortened 8 h 34 m.	2	g
23	3	48	8	3	3	57		3	A
24	4	36	8	4	3	56		4	b
25	5	24	8	5	3	55		5	c
26	6	12	8	6	3	54		6	d
27	7	0	8	6	3	54	Orions foot S. at 12	7	e
28	7	48	8	7	3	53		8	f
29	8	36	8	8	3	52	Orions shoulder. S. at 12	9	g
30	9	24	8	9	3	51		10	A

High water at London bridge

Sun Rises

Sun Sets

December hath XXXI. days.

- ☾ First quarter the 1 day, 20 min. past 2 in the morn.
 ● Full moon the 7 day, 9 min. after 9 in the morning.
 ☾ Last quarter the 14 day, 35 min. after 10 at night.
 ● New-moon the 22 day, 20 min. past 10 at night.

*To keep thy self in Action thou mayest play
At Cards or Dice, but not thy state away.*

1	f	Wedin. out	0	V	47	19	23	5	h	6	33	☾	Wind snow
2	g	Lucius	14		58	20	40	4	u	8	4	☾	☾ u a
3	a	Cassianus	19	20	21	41		♂	6	24	☾	☾ h ♂	
4	b	Barbara V.	13	☾	52	22	43	2	21	47	m		and rain be-
5	c	Sabba	28		27	23	44	2	4	28	☾		gins the month
6	d	Nicholas	13	II	124	45		h	6	10	☾	☾ h ☾	
7	☾	2 in Advent	27		25	25	46	u	0	53	☾		pleasant and
8	f	Concep. M.	11	☾	33	26	48	♂	10	16	☾	☾ h a	
9	g	Leocadia	25		19	27	49	2	22	40	m		seasonable
10	a	Melchiad.	8	☾	48	28	50	2	12	20	☾		weather with
11	b	Damascus	21		37	29	52	h	5	45	☾		some frost
12	c	Elfrede	4	☾	10	30	53	u	0	47	☾	☾ u ☾	
13	d	Lucie V.	16		22	31	54	♂	14	8	☾		wind and
14	☾	3 in Advent	28		23	32	55	2	24	44	m		snow about
15	f	Abraham	10	☾	10	33	57	2	20	2	☾		this time
16	g	Osapiaentia	22		1	34	58	h	5	20	☾	☾ h ☾	
17	a	Lazarus	3	m	47	35	59	u	0	49	☾		pleasant but
18	b	Ember W.	15		41	7	1	3	18	2	☾		cold weather
19	c	Nemphius	27		46	8	2	2	27	10	m		☾ ☾ a
20	d	Julius	10	2	79		3	2	27	18	☾		
21	☾	S. Thomas	21		45	0	5	h	4	55	☾		some drifts
22	f	30 Martyrs	5	☾	41	11	6	u	0	50	☾		of snow
23	g	Victoria V.	18		53	12	7	♂	21	56	☾	☾ u ☾	
24	a	Adam & Ev	2	☾	21	3	9	2	0	18	2		☾ h a
25	b	Christ nat	16		1	14	10	2	3	27	☾		
26	c	S. Stephen	29		48	15	11	h	4	31	☾		a dry and
27	d	S. John Ev	13	☾	42	16	12	u	1	0	☾		cold Christmas
28	☾	H. Innocent	27		41	17	14	♂	15	51	☾		
29	f	Tho. of C.	11	V	40	18	15	2	3	55	2		
30	g	Eustach	25		41	19	16	2	7	5	☾		rain & fleet
31	a	Sylvester	9	☾	49	20	18						

14 to the DECEMBER 1679.

21. 25. St. Thomas and our Saviour Jesus Christ.
 26. 27. St. Stephen, and St. John the Evangelist.
 28. And th' Innocents their days, this month doth
 hollow,
 And as they lead the way, God grant we follow.

1	10	12	8	10	3	50	First * in Orions Girdle S. at 12	11	b
2	11	0	8	11	3	49	Twilight ends at 6 at night	12	c
3	11	4	8	12	3	48	Day shortned 8 h, 48 min.	13	d
4	12	3	8	12	3	48		14	e
5	1	2	8	13	3	47	Wagons Shoulder S. 12	15	f
6	2	1	8	13	3	47	Orions right Shoulder S. 12	16	g
7	3	0	8	13	3	47	— Of mirth now take thy fill,	17	a
8	3	4	8	13	3	47	For mirth with measure can produce	18	b
9	4	3	8	13	3	47	no ill.	19	c
10	5	2	8	13	3	47	Day shortned 8 h. 52 m.	20	d
11	6	1	8	13	3	47	Shortest day 7 h. 34 m. long.	21	e
12	7	0	8	13	3	47	The ☉ rises S.E. half a Point Ea-	22	f
13	7	4	8	13	3	47	sterty, and sets S. w. half a point	23	g
14	8	3	8	13	3	47	Westerly, having amplitude from	24	a
15	9	2	8	13	3	47	th: East and West southerly 40	25	b
16	10	1	8	13	3	47	degrees, his meridian altitude	26	c
17	11	0	8	12	3	48	being only 15 degrees, and so	27	d
18	11	4	8	11	3	49	the reflex of his beams can yield	28	e
19	12	3	8	10	3	50	but little heat to the inhabitants	29	f
20	1	2	8	9	3	51	of these northern climates.	30	g
21	1	1	8	8	3	52		31	a
22	3	0	8	7	3	53		1680	
23	3	4	8	6	3	54	Feast not the rich ones,	2	b
24	4	3	8	5	3	55	but thy Neighbours poor,	3	c
25	5	2	8	5	3	55	So God will bless thee and	4	d
26	6	1	8	4	3	56	increase thy st. re.	5	e
27	7	0	8	4	3	56	Day lengthened 18 min	6	f
28	7	4	8	3	3	57	Castor South at 12 a clock.	7	g
29	8	3	8	3	3	57		8	a
30	9	2	8	2	3	58	Little Dog South at 12	9	b
31	10	1	8	2	3	58	Great Dog South at 12.	10	c

The Dominion of the Moon over the Parts of Man's
Body passing under the twelve Signs of the Zodiack.

Head and Face.

♈
Neck and
throat
♉
Breast, sto-
mack and
ribs
♊
Bowels
and belly
♋
Secret
members
♌
Knees



♈
Arms and
shoulders
♉
Heart and
back
♊
Reins and
loyns
♋
Thighs
♌
Legs
♍
the Feet

The Ram doth rule the Head and Face.

The Neck and Throat is Taurus's place:

The Twins the Arms and Shoulders guide;

The Crab, the Breast, the Spleen, and Side:

The Heart and Back's bold Leo's share;

Of Belly and Bow'ls, the Maid takes care.

To Libra Loins and Reins belong;

The Secret's to the Scorpion.

The Thighs the Archer doth affect;

The Capricorn the Knees protect.

The Legs to Aquarius's lot doth fall;

The Feet to Pisces; last of all.

Thus doth the vertue of these Signs superiour,
Rule o're the Bodies of poor Wights interiour;
But both are govern'd by God's sovereign might,
He's happy then that understands them right.

Sapient dominabitur Astris.

Bowker, 1679.

*A Table for the Purchase of Leases of
Lands, or Houses, ready cast up at
5l. 6l. 8l. and 10l. Per Cent.
Compound Interest.*

	At V. Per Cent.		At VI Per Cent.		At VIII Per Cent.		At X Per Cent.	
	Years Mon.		Years Mon.		Years Mon.		Years Mon.	
								
1	0	11	0	11	0	11	0	11
2	1	10	1	10	1	9	1	9
3	2	9	2	8	2	7	2	6
4	3	7	3	6	3	4	3	2
5	4	4	4	3	4	0	3	9
6	5	1	4	11	4	7	4	4
7	5	9	5	7	5	2	4	11
8	6	6	6	2	5	9	5	4
9	7	1	6	10	6	8	5	9
10	7	9	7	4	6	9	6	2
11	8	4	7	11	7	2	6	6
12	9	5	8	10	7	11	7	1
13	9	5	9	9	8	7	7	7
14	10	5	9	6	9	1	8	0
15	10	3	10	2	9	7	8	4
16	11	1	11	9	10	0	8	11
17	11	6	11	4	10	4	9	1
18	12	1	12	9	10	8	9	3
19	12	2	12	7	11	2	9	6
20	13	7	13	11	11	4	9	9
21	13	1	13	1	11	11	9	10
22	14	3	13	9	12	3	9	11
23	14	11	16	2	12	4	10	0
24	15	4	16	5	12	5	10	0
25	15	7	16	6	12	6	10	0
26	15	9	16	7	12	6	10	0
27	16	0	16	8	12	6	10	0

The Value of the Purchase is.

The Value of the Purchase is.

The Value of the Purchase is.

The Value of the Purchase is.

The Number of Years to be Purchased

Feet.

A Table of Interest at 6 per Cent.

	1. Month			2. Months			3. Months			4. Months			6. Months		
Lib.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.	li.	sh.	d.
1000	5	0	0	10	0	0	15	0	0	20	0	0	30	0	0
500	2	10	0	5	0	0	7	10	0	10	0	0	15	0	0
400	2	0	0	4	0	0	6	0	0	8	0	0	12	0	0
300	1	10	0	3	0	0	4	10	0	6	0	0	9	0	0
200	1	0	0	2	0	0	3	0	0	4	0	0	6	0	0
100	0	10	0	1	0	0	1	10	0	2	0	0	3	0	0
90	0	9	0	0	18	0	1	7	0	1	16	0	2	14	0
80	0	8	0	0	16	0	1	4	0	1	12	0	1	8	0
70	0	7	0	0	14	0	1	1	0	1	8	0	1	2	0
60	0	6	0	0	12	0	0	18	0	1	4	0	1	16	0
50	0	5	0	0	10	0	0	15	0	1	0	0	1	10	0
40	0	4	0	0	8	0	0	12	0	0	16	0	1	4	0
30	0	3	0	0	6	0	0	9	0	0	12	0	0	18	0
20	0	2	0	0	4	0	0	6	0	0	8	0	0	12	0
10	0	1	0	0	2	0	0	3	0	0	4	0	0	6	0
9	0	0	10	0	1	9	0	2	7	0	3	7	0	3	0
8	0	0	9	0	1	7	0	2	4	0	3	2	0	4	0
7	0	0	8	0	1	4	0	2	0	0	2	9	0	4	0
6	0	0	7	0	1	2	0	1	9	0	2	4	0	3	0
5	0	0	6	0	1	0	0	1	6	0	2	0	0	3	0
4	0	0	5	0	0	9	6	1	1	0	1	7	0	3	0
3	0	0	4	0	0	7	0	0	10	0	1	2	0	1	0
2	0	0	3	0	0	5	0	0	7	0	0	9	0	1	0
1	0	0	2	0	0	4	0	0	6	0	0	8	0	0	0

The Use of this Table.

Example To find the Interest of 70 l. for 6 months: First 70 l. in the first Column, and right against it, in the Column of 6 months, is 2 l. 2 s. and so much is the Interest. For the Interest of the same sum in 9 months, look for the Interest in 9 months, which is 1 l. 1 s. this add to the Interest for 6 months, the sum is 3 l. 3 s. the Interest of 70 l. in 9 months. Also to find the Interest of 75 l. for 3 months: First, look the Interest of 70 l. for 3 months, which is 1 l. 1 s. Likewise the Interest of 5 l. for 3 months, is 1 s. 6 d. this added to 1 l. 1 s. maketh 1 l. 2 s. 6 d. which is the Interest of 75 l. for 3 months.

OF THE Quatuor Anni Cardines,

Or Four *Quarters* or *Seasons* of this

YEAR 1679.

I. Of the *Vernal*, or *Spring Quarter*.

Upon the 10th of *March*, at 14 min. after 3 in the Morning, the glorious Lamp of Heaven, the Sun, enters into the first scruple of the Vernal Equinoctial Signe *Aries*, making the Days and Nights of equal length through the whole World (except to such as live between the *Poles*, and the *Artick* and *Antartick* Circles) who have one part of the year continual Day, and the other part of the year continual Night for some Moneths together.) At this time the Sun hath no declination, but moveth just in the Equinoctial Circle; the Amplitude of his Rising is directly upon the East point of the *Horizon*, and his Setting directly upon the opposite West Point:—His Meridian Altitude is now equal to the Complement of the Latitude, viz. 38 deg. 30 min. here at *London*, whose Latitude is 51 deg. 30 min. And his depression at Mid-night is equal to the Latitude it self:—This Quarter continueth till the Sun (by its natural motion) hath passed through the three Vernal Signs *Aries*, *Taurus*, and *Gemini*.

Now do the Birds begin to warble forth
Sweet Notes, to welcome Phebus to his Court.
He to requite them, cloatheth with rich Green
All Trees and Plants, which erst were Ruffet seen:
And by his quickning vertue doth produce
A new supply of all things for mans use.

Of the Nature, Quality, and Signification of the Spring Quarter.

The general Constitution of this Quarter is Hot and Moist, In the beginning whereof (while the Sun is in *Aries*) it is more Moist then Hot; the dregs of Winter Moisture

yet remaining: The Middle (while the Sun is in *Taurus*) the heat and moisture bear equal mastery; neither being predominate. But, the Latter part (while the Sun is in *Gemini*) he approaching near to the Sommer *Solstice*, He hath the preheminance of the Moisture:—Of the four Elements, Air attributes to this Season—Of the Humours Blood—Of the Complexions Hot and Moist. And—Of Ages Childhood—In this Season Melancholly persons are most healthy, and the Sanguine most subject to sickness. Old Age is revived, and Childhood more dejected—In this Quarter, those Diseases which issue from the Blood are most dangerous, as Fevers and such like; Agues, and such as issue from Melancholly, not being so dangerous; these Spring distempers being rather more healthy then deadly; and from hence (possibly) was this Old Saying derived, That

*An Ague in the Spring
Is Physick for a King.*

—The Diseases incident to Mans Body this Season are Fluxes, Falling-Sickness, Frenies, Ulcers, Rheums, Madnes, Melancholly, Leprosies, Ring-worms, Tetters, Pustles, Blains, Pimples, Wheals, and such Like.

II. *Of the Festival, or Summer Quarter.*

This Quarter commenceth when the Sun hath arrived to his utmost Northerly journey, namely; to the first minute of the Northern Tropical Signe *Cancer*; then making the longest Days and shortest Nights to all the northern Inhabitants of the World; and the contrary to those that live on the South side of the Equinoctial: and this ingress will be this year upon St. *Barnabas* day, the 11th of *June*, 47 min. past 5 in the afternoon—At this time the Sun hath made his greatest Northerly Declination, viz. 23 deg. 32 min. His Amplitude of Rising and Setting being 40 deg. from the East and West Points of the *Horizon* Northerly; for he riseth North-East half a Point Easterly, and Sets North-West half a Point Westerly; his Meridian Altitude being 62 deg. and his depression at Midnight only 15 deg. his Semidiurnal Ark being 8 hours 13 min. and his Seminocturnal

nal Ark only 3 hours 47 min. So that the length of the Day is 16 ho. 26. min. and the length of the Night 7 ho. 34 min.—This Quarter continues all that time that the Sun is passing through the Three Aestival Signes Cancer, Leo, and Virgo. And

*Now do the Fields with bearded Grain wax white,
And husband-men rejoyce to see the sight.
Up Sluggards, sleep not, make ye haste to Hay;
Whilst Titan beateth, work without delay:
For careful Husbands that intend to thrive,
Must like the Bee, bring Hony to their Hive.*

Of the Nature, Quality, and Signification, of this Summer Quarter.

The general constitution of this Quarter is Hot and Dry, Heat being predominant while the Sun is in Cancer, great Drought while he is in Leo; and a moderate Participation of both while he is in Virgo.—Of the Four Elements, Fire is attributed to the Summer:—Of the humors Choler—Of the Complexions, Hot and Dry—And of Ages Youth—In this Season the Phlegmatick are most at ease, and the Cholerick worse; the Decrepit better; and Youth worst of all:—The Diseases incident to the body of Man this Season, are Feavers, Continual burning, hot sicknesses, Agues, Vomiting, Rheums in the Eyes, Ulcers in the Mouth; angry Wheal, causing the ingendring of ill putrefactionous Diseases.

III. *Of the Autumnal or Harvest Quarter.*

THe Sun having made his greatest Northerly Journey, is now returned back again to the Equinoctial, and upon the 13th of September, at 12 min. after 2 in the Morning enters into the first degree of the Autumnal Equinoctial Sign *Libra*; working the same effects to the inhabitants of the Earth, as when he entered *Aries*. And this Quarter continues during the time that the Sun is passing through the three Autumnal Signes *Libra*, *Scorpio*, and *Sagittarius*. For,

Now Sol from his Imperial Throne descendeth,
And towards th' Antartick Pole his Journey bendeth:
At whose departure every Plant and Tree
For grief doth cast aside its bravery;
And sadly mourning, cannot like, nor thrive
Till he return, and them again revive.

The general Constitution of this Quarter is Cold and Dry, during his continuance in *Libra* Dry; in *Scorpio* moderately participating of Cold and Drought; and while in *Sagittarius* more Cold than Dry:—Of the Elements Earth is attributed to this Season—Of the Humours Melancholly—Of Complexions Cold and Dry—Of Ages, the Old Age.—Those that are Sanguine are now best in health, the Melancholly worst, Children somewhat better, and Old Age worst of all.—This Quarter those Diseases are most dangerous which issue from Melancholly, far worse than those that have their original from the Blood; and in this Quarter, many people do foolishly destroy their Bodies, by participating too freely of the Fruits of the Earth.—The Diseases incident to the bodies of Men, this Quarter, are Fevers, Spleen, Consumptions of the Lungs, Strangury, Diseases in the Guts, Pains in the Hipps, Squinancies, Peissick, Falling Sickness, Madness, and such like Distempers.

IV. Of the Hyemal, or Winter Quarter.

THIS Quarter taketh its beginning at that instant of time in which the Sun enters into the Southern Tropical Sign *Capricorn*, causing the Shortest Days and Longest Nights to all Northern, and the contrary to all Southern Inhabitants in the World; and this time of ingress will this Year fall out to be upon the 11th of December, at 10 in the forenoon. The length of the Day now being equal to the length of the Night when the Sun was in *Cancer*, and the Night now equal to the length of the Day then. The Amplitude now being so much from the East or West Southward, as it was then Northward, viz. 40 deg. His Meridian Altitude being now but 15 deg which is no higher than when

when the Sun is in *Cancer* at a Quarter before 6 in the Morning or a Quarter after 6 at Night. This Quarter continueth till the Sun hath passed through the 3 Hyemal Signs, *Capricorn*, *Aquarius*, and *Pisces*. During which time you may

*See how the silly Sapless Tree do shiver
For want of Kingly Sol their comfort-givers;
And how Dame Flora in her Mother Earth,
Doth shroud her self from blustering Boreas Breath;
And dares not peep, until he back return
To quicken mortals, dead with Hyem's Spurn.*

This Quarter in the general constitution of it is Cold and Moist, at the beginning (while in *Capricorn*) more Cold than Moist, during its residence in *Aquarius* equally mixt of Cold and Moisture, and when in *Pisces*, more Moist than Cold.—Of the four Elements Water is attributed to this Season.—Of the Humours Phlegm.—Of the Complexions, the Cold and Moist.—And of Ages, the Decrepit.—In this Quarter Phlegmatick persons are more subject to sickness than at other times; and Chollerick Persons more healthy: Also (Phlegm being predominant) Old men are indisposed and Sick, whereas young men are most active and lively.—The Diseases incident to Man in this Quarter are Plurisies, Inflammations of the Lungs, Rheums, Coughs, Head-ach, Catarrhs, Appoplexes, Tumors, &c.

*Thus doth bright Sol by's certain circuiting,
Make Winter, Autumn, Summer and the Spring.*

A

C 4

of

Of Eclipses of the Sun and Moon, the causes of them, how and when they happen.

I. Of the Cause or Reason of the Suns Eclipse:

AN Eclipse of the Sun is caused by a direct interposition of the Moons body between our sight and the Sun: for the Moon (being an Opaque Body) passing between the Sun and the Earth, must needs (during the time of this her passage) hinder the light of the Sun from us, either in whole or in part. And these Eclipses do never happen, but when the Sun and Moon are in Conjunction, that is in the same Sign and Degree of the Ecliptick; and such a Conjunction there is every New Moon, yet not so as the Sun to be Eclipsed: for the Sun moveth always in the Ecliptick Line, and the Moon hath Latitude sometimes Northward, and sometimes Southward, to the Quantity of about 5 degrees; for if the Moon did move always in the Ecliptick Line, as the Sun doth, there would be an Eclipse of the Sun every New Moon: but these Eclipses only happen, when the Moon hath little or no Latitude; and when the Conjunction is in one of the Nodes, called by the Ancients the Head and Tail of the Dragon. And of Eclipses of the Sun, when they happen to be, to some Inhabitants of the Earth, the Sun may appear to be Eclipsed but in part; to others totally, and to a third part of the world not at all; although the Sun at the same time may be above the Horizons of all these several Inhabitants.

II. Of the Cause or Reason of the Moons Eclipse.

AS the Eclipse of the Sun was caused by the Opaque Body of the Moon, interposed between our sight and the Sun, so (on the contrary) the Eclipse of the Moon is caused by the interposition of the body of the Earth between the Sun and the Moon, when they are in opposition one to the other, which is at every Full Moon; although (for the reason

reason before given) there is not an Eclipse; but I say, the Sun and Moon being Diametrically opposite, and the Earth interposed between them, the Sun casteth the shadow of the Earth upon the face of the Moon; so that during the time that the Sun and Moon by their Motions are passing clear of the Earths Body, so long is the duration of the Eclipse. Now of Eclipses of the Moon there are Four Varieties, For (1) The Moon may be Eclipsed and but part of her body Darkned, and this is called a Partile Eclipse: (2) The Moons body may be wholly Darkned, and then it is called a Total Eclipse; of which there are two sorts: For (1) The Moon may be totally Eclipsed for a moment of time only, and then begin to recover her Light again; and such an Eclipse is called Total without continuance: And (2) When the Moons body first becomes to be wholly Darkned, it may continue some time in that total Darknes; and such Eclipses are called Total with continuance; these differences do arise chiefly from the Moons Latitude, as I said before: and here is to be noted that contrary to Solar Eclipses, all Lunar Eclipses are visible to all the Inhabitants in the World that have the Moon above their Horizon at the time of the Eclipse.

Of Four Eclipses which the Luminaries will receive this Year, none of them will be conspicuous to the Inhabitants of the Brittish Islands; however, though they will not be visible, yet I will give you an Account of the Times when they will happen: Viz.

THe First of the Sun on the 31th of *March*.
The Second of the Moon on the 15th of *April*.

The Third of the Sun on the 24th of *September*.

The

Bowker; 1679

The Fourth of the Moon on the 9th. of
October.

A Continuation of the Refutation of the *Copernican* Opinion, concerning the Earths Motion.

THe last year, I began this Discourse, and proceeded so far as the Earth; I shall now proceed to the Moon, and the rest of the Planets. 2. and therefore.

2. *Of the Moon.*

It is time for me now to leave the Earth at rest in the center and to speak of the Heavenly Bodies and their Motions. And the Moon in the first place presents her self, being by the consent of all Astronomers placed next the Earth.

First, For the form or fashion of the Moon, it is round every way like a Globe. And this may be proved by the successive and proportional light which it receives from the Sun; for if it were round and flat like a Trencher; then the light of the Sun coming to the flat side, would presently spread all over it, as it doth upon the flat side of an house or upright wall.

Secondly, As for the matter of the Moon, or what substance it is made of. Those that hold the motion of the Earth, they think the Moon to be very little different from the Earth, having Sea and Land, Mountains and Valleys; And this they gather from the spots which are seen in the Moon, accounting those darker places to be Seas, and the brighter places to be Land. But I conceive the Moon to be of some like substance with the Clouds; for if you look upon the Moon in the day time, you shall see many times

a fair day, when the Clouds are high and white, that the Moon and they are all of one colour: Again look upon the Clouds in such an Evening about Sun-setting, and you shall perceive the Clouds to reflect the light of the Sun, and to shine as the Moon doth: And this light thus reflected from the Clouds and the Vapours of these lower Regions, is the cause of the twilight, which continueth till the Sun is 18 deg. under the *Horizon*, and then the shadow of the Earth falling upon the Clouds, doth take away their shining, just as the Moon loseth her light in her Eclipse, which proceeds from the same cause. Adde to this the many resemblances of many Suns and Moons, which are divers times seen in the air, which are nothing else but Clouds fitly formed and placed to reflect the light of the Sun unto us. All this may shew that the Moons substance doth in some sort resemble that of the Clouds. And as for the duration of the Moon, longer than the Clouds, this it hath by Gods appointment, who also caused that Cloud to guid the *Israelites* 40 years in the Wilderness, which was a pillar of Cloud by day, and a pillar of Fire by night.

Thirdly, It is a common question, whether the Moon have any light of her own? or whether she receive all her light from the Sun?

For answer hereunto, consider that there are several sorts of lights; first there are some things that have not only light in themselves but give light to other things, as the Fire and the Sun. Secondly, there are some things that have no great light in themselves, yet they shine in the dark; as Glow-worms, rotten wood, and Fish-skins. Thirdly, there are some things which may be said to have light, but this light appears best in a greater light; as white things, polished Metals, Glasses, and the Clouds. And such a light I conceive the Moon hath of her own, whereby she is fitted to reflect the light of the Sun to our sight. Yet I do not think, as some have supposed, that the Moon is so perfect a mirror as that the spots which we see in the Moon are nothing else but the image of our Earth and Sea which we see therein; as when we look upon a glass we behold our own image.

Image therein : much less do I believe what some have said that things done, or a writing set before the shining Moon, may be seen and read in the Moon at an other place of the World, very far distant from it ; as by the reflection of glasses it may be performed for a small distance.

Fourthly, If you demand what may be the reason of those spots which are seen in the Moon ? I answer, they proceed from the roughness and inequality of the Moons body. For though the Moon hath not Hills and Dales, Mountains and Valleys, yet as you see the Clouds are many of them ragged things and not smooth and plain, so it may very well be in the Moon, though in regard of her distance they are not so discernable. And this supposition will very well agree with all the observations of these spots both in the New and Full Moon. For first, in the New Moon, by reason of this inequality of the Moons body, some little spots of light will appear before the main body of light, on the tops of these rough places, and then again towards the Full Moon this inequality will cause much difference in the light of the Moon : just as you see when the Sun shines full upon a glass window, though the window be in a manner flat, yet if the panes of glass lie never so little slanting, it will cause a difference in the reflection, and one place will seem darker than another.

Fifthly, As for the quantity of the Moons body, and her distance from the Earth : How these things come to be known, I shall shew hereafter : in the mean time, it shall suffice to tell you, that according to *Tycho*, the Moon is distant from the Earth 56 Semidiameters of the Earth, which reduced into English miles, is 223048 miles. And though the Moon appears so little to us in regard of this distance, yet the true diameter or breadth of the Moon is 2060 miles, and the compass of it 6474 miles ; so that the breadth and compass of the Moon is a little more than the one quarter of the breadth and compass of the Earth ; and if you regard their solid proportions, the Earth is 50 times bigger then the Moon.

Lastly, The Moon hath a four-fold motion : The first is its daily motion, wherewith it encompasseth the Earth in 24 hours

Hours 48 minutes. The second is her motion in the Zodiac, wherein she is the swiftest of all the Planets, running through all the twelve Signs in 27 days, 7 hours, 48 minutes. Thirdly, she hath her motions from the Sun, whereby is caused the diversity of her appearance; this motion is finished in 29 days 12 hours 44 minutes. Fourthly, she hath a motion of latitude from the Ecliptick line or way of the Sun, which is the reason that there are not Eclipses every New Moon and Full Moon; and this motion is finished in 18 years, 7 months, and 12 days. Many good uses might be made of these motions; but of these I have, and shall speak more in its time.

3. Of Mercury and Venus.

I put these two planets both together; for though they have some difference in their motions, yet in some respect they are both alike: These as two diligent pages, continually wait upon the Sun their Lord, being never far distant from him.

As for their order in the Heavens, Ptolemy placeth Mercury next above the Moon, and Venus next above him, both under the Sun. But herein Tycho in some sort agrees with Copernicus, and the later Astronomers all consent therein, making the Sun the center of the Planets, and so they place Mercury next the Sun, and Venus a little further off the Sun; supposing them to turn round about the Sun, as it were in two little circles; so that either of these Planets, are sometimes above, and sometimes under the Sun: And sometimes Venus may be nearer to the Earth than Mercury.

Hereby also you may perceive the cause why these two planets are never very far distant from the Sun, for they can go no farther then their circles will give them scope: which for Mercury is about 29 degrees; and for Venus about 48 degrees.

Mercury, by reason of his continual nearness to the Sun and the smallness of his body, is seldom seen, But Venus by

by her luster is known unto all men; she sometimes run before the Sun, and then she is called the Morning Star, sometimes she follows the Sun, and then she is called the Evening Star. And so great is her brightness (by reason of her nearness to the Earth) that she is not only seen in the night, but many times in the day, which many will gaze at: but the learned and diligent *Tycha* made a very good use of it. For by observing the distance between the Sun and *Venus* in the day time, and then the night following observing the distance from *Venus*, to some of the fixed stars, and from them to others; he thereby found out their places more exactly than by any way else he could attain to. But if such an Eclipse had happened in his time as that in the 29 of *March* 1652, or that *Aug.* 9 1654, both which happened about high-noon, wherein some of the fixed Stars were seen, he might have performed this conclusion with more ease and certainty. And I hope some lover of Astronomy or other, hath made such use of this occasion, which would be of great concernment, either for the rectifying or confirming of former observations, in this so necessary a part of Astronomy. And I hope if all have neglected it this time, that some will be diligent in it, at the next great Eclipse of the Sun.

The distance of these two planets from the Earth, is somewhat different, but according to their middle distance they are accounted to be removed from the Earth, as the Sun is, of which you shall have more in the next Section. The breadth and compass of their bodies, is thus:

Breadth of $\left. \begin{array}{l} \text{Venus} \quad 4397 \\ \text{Mercury} \quad 2931 \end{array} \right\} \text{miles.}$

Compass of $\left. \begin{array}{l} \text{Venus} \quad 13800 \\ \text{Mercury} \quad 9354 \end{array} \right\} \text{miles.}$

4. Of the Sun.

The Sun is the principal and chiefest of all the planets and stars, being the fountain of all the light we receive: and therefore is most fitly placed in the midst of the Heavens. As for the matter of it, it cannot be no other then pure fire, as is manifest by the effects thereof, light and heat: For though heat may be without lustre in some things, and lustre without heat in many other things; yet heat and lustre both cannot be without fire: But this fire I speak of, you must not imagine to be any gross fire; but pure Elementary fire, which needs not the continual supply of fuel, but of it self is lasting and durable: For though the Psalmist saith, *Psal. 104. 26.* that the Heavens shall wax old as a garment, this is rather by the sin of man, than by their own nature.

This Sun, as it is the most glorious, so it is the most useful creature of all others, being not only the fountain of light, but the fountain of life unto all creatures: this made the Heathen worship him for a God; and the Jews, though better instructed, and expressly forbidden, could scarce refrain from this Idolatry, but worshipped the Sun and Moon. Let us take heed of this, but let us praise God for them, and with them, who made both us and them, as we are exhorted, *Psal. 148.* Praise him Sun and Moon, praise him all ye Stars of light: For he commanded, and they were created.

As for the motion of the Sun; First, it hath a daily motion round about the Earth; by which it makes the day and night. Secondly, It hath a yearly motion round about the Heavens, whereby it causeth Summer and Winter, Spring time and Harvest: this course it finisheth in 365 days 5 hours, 49 minutes, which odd 5 hours 49 minutes in 4 years makes up almost one whole day, and is therefore added every Fourth year or Leap year; for otherwise in a little time the month of *June* would fall in the Winter, and *December*

ember in the Summer, as it did in the Egyptian year. But this was thus rectified by *Julius Cesar*, which account, though it was far more exact than any of the former, yet by reason that those odd hours and minutes did lack 44 minutes of one day in those 4 years, it hath caused some alteration in the year since his time. For whereas the Sun in his time entered into *Aries* on the 25 of *March*, it now enters into *Aries* about the 10 of *March*; and hereupon Pope *Gregory* in 1582, caused ten days to be cut off from the old account, and this is the reason the account beyond Sea is ten days before ours, which makes their *Easter* and all their Moveable Feasts fall most times before ours.

The distance of the Sun from the Earth, according to *Kepler*, is 1150 semidiameters of the Earth, which reduced into miles, is 4580450 miles. The diameter or breadth of the Sun's body is 42600 miles; and the compass thereof is 133886 miles; so that the compass of the Sun is above 8 times the compass of the Earth: But if you have regard to the solid contents thereof, then the Sun by this account is 153 times bigger than the Earth.

As for the daily compass which the Sun runs in the Heavens, it is 28789124 miles; so that every hour it runs 1199547 miles, which is every minute near upon 20000 miles. And yet to perform so swift and continual a motion, the Sun needs neither the Poetical fiction of horses to draw it, nor the more probable opinion of the Earth's daily motion, to ease it of its labour: but by the appointment of God, cometh forth as a *Bridegroom* out of his chamber, and rejoiceth as a mighty man to run his race: his going forth is from the ends of the Heavens, and his compass to the ends of the same, *Psal.* 19. 5, 6.

F I N I S.